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Sequence Listing was accepted.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866)  
217-9197 (toll free).

Reviewer: Durreshwar Anjum

Timestamp: Tue Nov 06 14:52:54 EST 2007

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Application No: 10568422

Version No: 1.0

Input Set:

Output Set:

Started: 2007-10-22 11:17:29.696

Finished: 2007-10-22 11:17:36.099

Elapsed: 0 hr(s) 0 min(s) 6 sec(s) 403 ms

Total Warnings: 0

Total Errors: 23

No. of SeqIDs Defined: 91

Actual SeqID Count: 91

Error code	Error Description
E 355	Empty lines found between the amino acid numbering and the
E 321	No. of Bases conflict, this line has no nucleotides SEQID (7)
E 355	Empty lines found between the amino acid numbering and the
E 321	No. of Bases conflict, this line has no nucleotides SEQID (16)
E 355	Empty lines found between the amino acid numbering and the
E 321	No. of Bases conflict, this line has no nucleotides SEQID (29)
E 355	Empty lines found between the amino acid numbering and the
E 321	No. of Bases conflict, this line has no nucleotides SEQID (29)
E 355	Empty lines found between the amino acid numbering and the
E 321	No. of Bases conflict, this line has no nucleotides SEQID (30)
E 355	Empty lines found between the amino acid numbering and the
E 321	No. of Bases conflict, this line has no nucleotides SEQID (30)
E 355	Empty lines found between the amino acid numbering and the
E 321	No. of Bases conflict, this line has no nucleotides SEQID (33)
E 355	Empty lines found between the amino acid numbering and the
E 321	No. of Bases conflict, this line has no nucleotides SEQID (45)
E 355	Empty lines found between the amino acid numbering and the
E 321	No. of Bases conflict, this line has no nucleotides SEQID (46)
E 355	Empty lines found between the amino acid numbering and the
E 321	No. of Bases conflict, this line has no nucleotides SEQID (56)

**Input Set:**

**Output Set:**

**Started:** 2007-10-22 11:17:29.696  
**Finished:** 2007-10-22 11:17:36.099  
**Elapsed:** 0 hr(s) 0 min(s) 6 sec(s) 403 ms  
**Total Warnings:** 0  
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**No. of SeqIDs Defined:** 91  
**Actual SeqID Count:** 91

Error code	Error Description
E 355	Empty lines found between the amino acid numbering and the
E 321	No. of Bases conflict, this line has no nucleotides SEQID (81)
E 321	No. of Bases conflict, this line has no nucleotides SEQID (91)

# SEQUENCE LISTING

<110> Telford, John L.  
Grandi, Guido  
Margarit Y Ros, Immaculada  
Maione, Domenico

<120> Immunogenic Compositions for *Streptococcus agalactiae*

<130> PP20665.0003

<140> 10568422  
<141> 2007-10-22  
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<150> PCT/US04/030032  
<151> 2004-09-15

<150> US 60/548,789  
<151> 2004-02-28

<150> PCT/US03/29167  
<151> 2003-09-15

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tcacaagaac gccagcga aacaacagta aatatctata aattacaagc tgatagttat 180  
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gaaattgctg agctacttaa aggaatgacc cttgttaaaa atcaagatgc tcttgataaa 960  
gctactgcaa atacagatga tgcggcattt ttggaaattc cagttgcatc aactattaat 1020  
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<212> PRT

<213> Streptococcus agalactiae

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Thr Ser Asn Gly Gly Ile Glu Asn Lys Asp Gly Glu Val Ile Ser Asn
  65             70             75             80
Tyr Ala Lys Leu Gly Asp Asn Val Lys Gly Leu Gln Gly Val Gln Phe
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Leu Lys Asn Ser Pro Ser Asn Ile Thr Lys Ala Tyr Ala Val Pro Phe
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Asp Lys Asp Val Lys Lys Leu Gly Gln Asp Asp Ala Gly Tyr Thr Ile
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Ile	Glu	Asn	Lys	Asp	Gly	Glu	Val	Ile	Ser	Asn	Tyr	Ala	Lys	Leu	Gly
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Tyr Ala Lys Leu Gly Asp	Asn Val Lys Gly Leu Gln Gly Val Gln Phe	80
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Thr Tyr Lys Ser Val Gly	Lys Ile Lys Ile Gly Ser Lys Thr Leu Asn	
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Arg Asp Glu His Tyr Thr	Ile Asp Glu Pro Thr Val Asp Asn Gln Asn	
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Thr Leu Lys Ile Thr Phe	Lys Pro Glu Lys Phe Lys Glu Ile Ala Glu	
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Leu Ile Lys Ala Asn Thr	Asn Lys Asn Tyr Ile Ala Gly Glu Ala Val	
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Thr Gly Gln Pro Ile Lys	Leu Lys Ser His Thr Asp Gly Thr Phe Glu	
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Val Thr Tyr Lys Leu Lys	Glu Thr Lys Ala Pro Glu Gly Tyr Val Ile	
465	470	475
Pro Asp Lys Glu Ile Glu	Phe Thr Val Ser Gln Thr Ser Tyr Asn Thr	
485	490	495



Lys Pro Thr Asp Ile Thr Val Asp Ser Ala Asp Ala Thr Pro Asp Thr  
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Ile Lys Asn Asn Lys Arg Pro Ser Ile Pro Asn Thr Gly  
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Tyr Ala Lys Leu Gly Asp Asn Val Lys Gly Leu Gln Gly Val Gln Phe  
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Lys Arg Tyr Lys Val Lys Thr Asp Ile Ser Val Asp Glu Leu Lys Lys  
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